

I claim

- 1 1. A toothbrush comprising:
 - 2 an elongated handle, shaped and dimensioned to be grasped by a human hand, having
 - 3 a first end and a second end;
 - 4 a first neck extending from the second end of the elongated handle, having a
 - 5 proximal end attached to the elongated handle and having a distal end;
 - 6 a second neck extending from the second end of the elongated handle parallel to the
 - 7 first neck, having a proximal end attached to the elongated handle and having a distal end;
 - 8 a first bristle support attached to the distal end of the first neck;
 - 9 a second bristle support attached to the distal end of the second neck;
 - 10 a plurality of first bristles extending in a first direction from the first bristle support;
 - 11 a plurality of second bristles extending substantially parallel to and in the same
 - 12 direction as the first direction from the second bristle support,
 - 13 wherein the plurality of first and second bristles are formed of a material having a
 - 14 first stiffness, and the first and second elongated necks are formed of a material having a
 - 15 predetermined resiliency, a predetermined flexibility and a predetermined bending resistance,
 - 16 and wherein the value of said first stiffness relative to said predetermined resiliency,
 - 17 flexibility and bending resistance is set in accordance with a predetermined brushing force to
 - 18 be applied by said bristles thereby achieving the full functioning of the twin articulating
 - 19 heads in making and maintaining contact with the dento-gingival junction.

1 2. A toothbrush comprising:
2 an elongated handle, shaped and dimensioned to be grasped by a human hand, having
3 a first end and a second end, said elongated handle having a cavity open at a location where,
4 when the elongated handle is grasped for using the toothbrush, the thumb of the human
5 hand would normally contact;
6 a resilient thumb contact structure inserted in said cavity, dimensioned such that the
7 human thumb, when the elongated handle is grasped for using the toothbrush, exerts the
8 thumb pressing force primarily on the resilient thumb contact;
9 a first neck extending from the second end of the elongated handle, having a
10 proximal end attached to the elongated handle and having a distal end;
11 a second neck extending from the second end of the elongated handle parallel to the
12 first neck, having a proximal end attached to the elongated handle and having a distal end;
13 a first bristle support attached to the distal end of the first neck;
14 a second bristle support attached to the distal end of the second neck;
15 a plurality of first bristles extending in a first direction from the first bristle support;
16 a plurality of second bristles extending substantially parallel to and in the same
17 direction as the first direction from the second bristle support,
18 wherein the plurality of first and second bristles are formed of a material having a
19 first stiffness, and the first and second elongated necks are formed of a material having a
20 predetermined resiliency, a predetermined flexibility and a predetermined bending resistance,

21 and wherein the value of said first stiffness relative to said predetermined resiliency,
22 flexibility and bending resistance is set in accordance with a predetermined brushing force to
23 be applied by said bristles.